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NAME:	FACSIMILE:	TELEPHONE:
Examiner Michael La Villa Group Art Unit 1775	(703) 872-9306	(571) 272-1539

FROM: Barry E. Bretschneider

DATE: November 2, 2004

Number of pages with cover page:	2	Originals Will Not Follow
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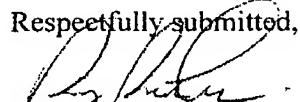
Comments:

Re: Serial No. 10/039,369
 My Ref: 35029-20012.00

Dear Examiner La Villa,

Further to my phone message of November 3, 2004, I attach a proposed amendment to put the claims in this application in condition for allowance. Please telephone me at (703) 760-7743 to discuss this proposed amendment when you get into the office this Thursday, if you can.

Respectfully submitted,


 Barry E. Bretschneider
 Reg. No. 28,055

VA-83453

AMENDMENTSIn the Claims:

1. (Currently Amended) A precision machine part having a plurality of discrete conveyance passages formed therethrough and comprising a plurality of pieces bonded along faces of said pieces extending along a longitudinal axis of said precision machine part with a transient liquid phase diffusion bonding alloy provided between said pieces to bond said pieces together so as to form said conveyance passages.

~~the precision machine part being configured to permit passage of liquid or gas through said conveyance passages from a pipe line or cylinder, said pieces being adhered to each other by a transient liquid phase bonding process with a ribbon of an amorphous bonding alloy to form said precision machine part~~

wherein the bonding alloy contains 1 to 15 atomic % of B or P or a mixture of B and P and 1 to 10 atomic % V, the balance being Fe and unavoidable impurities based on the bonding alloy, and

wherein the bonding alloy exhibits an amount of contraction in a bonding stress loading direction caused by plastic deformation in the bonding process of not more than 5%.

2-12. (Canceled)

13. (Currently Amended) The precision machine part of claim 1, wherein the bonding alloy further comprises one or more components selected from the group consisting of 0.1 to 10.0 atomic % C, 0.1 to 5.0 atomic % Si, 0.5 to 5.0 atomic % Mn, 0.1 to 20.0 atomic % Cr, 0.1 to 5.0 atomic % Mo, 0.01 to 5.0 atomic % Nb and 0.01 to 5.0 atomic % Ti based on the bonding alloy.

14-17. (Canceled)